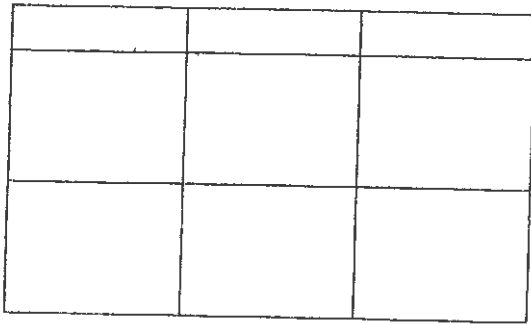


POW #18

RECTANGLES

How many rectangles are there in this figure?



In Process, use some system of identifying each rectangle.

Note:

A rectangle has 4 sides, the opposite sides are equal and parallel.

A rectangle has four 90 degree angles.

POW GUIDELINES

Number and label the 4 parts of your write-up.

1. Complete heading.

2. Problem Statement.

In your own words, tell what you are asked to do--include the essential details and the question.

3. Process.

Show all your work. Refer to the problem to give reasons for each step. Write enough (several paragraphs) to show that you really tried to solve the problem.

4. Solution.

Write your answer in a sentence which refers to the problem. Explain why your answer makes sense. Show a check if you can.

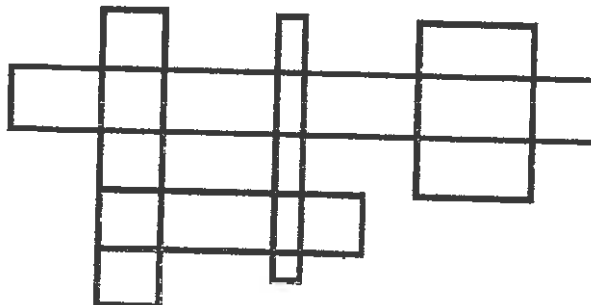
5. Evaluation.

Write complete sentences to answer these questions:

- How do you feel about this POW? Why?
- Did anyone help you?
- Does this remind you of any other problem?
- Tell one thing you learned.
- What rubric score should you get? Why?

EXTENSIONS. (Extensions are optional) If the POW is easy for you, try the extensions. Write a paragraph for each--the extensions do not require 4-part write-ups.

FIRST EXTENSION: Count all the rectangles in this figure:



SECOND EXTENSION: Draw your own figure and count the rectangles.